AMENDMENT OF SOLICITATION/MODIFIC.	ATION OF CO	NTRACT		CONTRACT ID CODE		PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE D	DATE 4	4. REQ	UISITION/PURCHASE REQ. NO.	5. PRO	/ DJECT NO. (If applicable)
P00011	See Bloc	k 16C	See	Schedule		
6. ISSUED BY CODE	CAD		7. ADN	INISTERED BY (If other than Item 6)	CODE	
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001						
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and Z	IP Code)	\ 9A.	AMENDMENT OF SOLICITATION NO.		
GREAT LAKES ENVIRONMENTAL CE Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458			9B. 10A E.F	DATED (SEE ITEM 11) . MODIFICATION OF CONTRACT/ORDER NOTE - C - 17 - 040 5. DATED (SEE ITEM 13)	0.	
CODE 800884181	FACILITY CODE			8/23/2017		
				ENTS OF SOLICITATIONS		
+	change an offer al nee to the solicitati uired)	ready submitted , such cl on and this amendment, Net	hange of and is	may be made by letter or electronic communicates received prior to the opening hour and date sp	ecified. , 060	D IN ITEM 14.
B. THE ABOVE NUMBERED CONTRAC appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes i OF FAR 43.103(b). "Y OF:	n paying	g office,
D. OTHER (Specify type of modification				· C II 1 -		
X IAW EPAAR 1552.211-7	<u>18-14</u>			1		
E.IMPORTANT: Contractor	(Organized by UC tion is t t of \$1,0 riod 1 in apitulati	o: 1) Exerci 10,000 (b)(4) the amount on of funds.	uding so	Option Period $(b, 2)$ Inc. to cost and $(b, 4)$	reme	ntally fund e), and 3)
New Total Amount for this Ve New Total Amount for this Aw Continued Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ard: \$13,	363,496.00	16A. I	etofore changed, remains unchanged and in fo NAME AND TITLE OF CONTRACTING OFFIC hleen Rechenberg		
15B. CONTRACTOR/OFFEROR	1	5C. DATE SIGNED			LCTAC BARON	

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Obligated Amount for this Modification:				
	\$1,060,000.00				
	New Total Obligated Amount for this Award:				
	\$4,301,383.40				
	Incremental Funded Amount changed: from				
	\$3,241,383.40 to \$4,301,383.40				
	CHANGES FOR LINE ITEM NUMBER: 2001				
	AND				
	Obligated Amount for this Modification:				
	\$1,010,000.00				
	Incremental Funded Amount changed from \$0.00 to				
	\$1,010,000.00				
	Incrementally Funded through date of 02/11/2020				
	is added				
	Exercised option				
	CHANGES FOR DELIVERY LOCATION: CPOD				
	Delivery Date Added: 07/31/2020				
	-				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	19-20-B-40DC31A-000B53-2505-1940SRE025-001				
	Beginning Fiscal Year 19				
	Ending Fiscal Year 20				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1940SRE025-001				
	Quantity: 0				
	Amount: \$85,000.00				
	Percent: 0				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	19-20-B-40DC31C-000B53-2505-1940SRE025-002				
	Beginning Fiscal Year 19				
	Ending Fiscal Year 20				
	Fund (Appropriation) B				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Budget Organization 40DC31C				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1940SRE025-002				
	Quantity: 0				
	Amount: \$25,000.00				
	Percent: 0				
	Subject To Funding: N				
	Payment Address:				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	18-E3C-40DC-000B81-2505-1940SRE023-001				
	Beginning Fiscal Year 18				
	Ending Fiscal Year				
	Fund (Appropriation) E3C				
	Budget Organization 40DC				
	Program (PRC) 000B81				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization DCN-Line ID 1940SRE023-001				
	THE ADDRESS OF THE PROPERTY OF MANAGEMENT OF THE STATE AND THE STATE OF THE STATE O				
	Quantity: 0				
	Amount: \$900,000.00				
	Percent: 0				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	CULVORGE FOR LINE THEN NUMBER 1001				
	CHANGES FOR LINE ITEM NUMBER: 1001				
	Obligated Amount for this Modification: \$50,000.00				
	Incremental Funded Amount changed from				
	\$1,650,770.38 to \$1,700,770.38				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	19-20-B-40DC31A-000B53-2505-1940SRE024-001				
	Beginning Fiscal Year 19				
	Ending Fiscal Year 20				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Continued				
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 OF FERENCE NO. OF DOCUMENT BEING CONTINUED

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	LINIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	7 W	(0)	()	(1)	(1)
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1940SRE024-001				
	Quantity: 0				
	Amount: \$50,000.00				
	Percent: 2.68586				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	CHANGES FOR LINE ITEM NUMBER: 2002				
	Exercised option				
	CHANGES FOR DELIVERY LOCATION: CPOD				
	Delivery Date Added: 07/31/2020				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
	Tellod of Tellotmanoe: 00/01/2017 00 07/01/2020				
			1		
			1		
			1		
			1		
UCN 75 40 04 45	- Marie C	-	•	-	ODTIONAL FORM OOD (4 00)

Clause 1552.211-73 is revised as follows:

OPTION PERIOD II

EPAAR 1552.211-73 LEVEL OF EFFORT-COST-REIMBURSEMENT CONTRACT. (MAY 2016)

- (a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Contractor shall provide up to 12,900 direct labor hours for option period II. The Government's best estimate of the level of effort to fulfill these requirements is provided for advisory and estimating purposes. The Government is only obligated to pay for direct labor hours ordered and corresponding fixed fee for labor hours completed.
- (b) Direct labor includes personnel such as engineers, scientists, draftsmen, technicians, statisticians, and programmers, and not support personnel such as company management or data entry/word processing/accounting personnel even though such support personnel are normally treated as direct labor by the Contractor. The level of effort specified in paragraph (a) of this section includes Contractor, subcontractor, and consultant non-support labor hours.
- (c) If the Contractor provides less than 90 percent of the level of effort specified for the base period or any optional period exercised, an equitable downward adjustment of the fixed fee, if any, for that period will be made. The downward adjustment will reduce the fixed fee by the percentage by which the total expended level of effort is less than 100% of that specified in paragraph (a). (For instance, if a hypothetical base-period LOE of 100,000 hours is being reduced to 70,000, the fixed fee shall also be reduced by the same 30%. Using a corresponding hypothetical base-period fixed fee pool of \$300,000, the reduced fixed-fee amount is calculated as: \$300,000 x (70,000 hours/100,000 hours) = \$210,000.)
- (d) The Government may require the Contractor to provide additional effort up to 110 percent of the level of effort for any period until the estimated cost for that period has been reached. However, this additional effort shall not result in any increase in the fixed fee, if any.
- (e) If this is a cost-plus-incentive-fee (CPIF) contract, the term "fee" in paragraphs (c) and (d) of this section means "base fee and incentive fee." If this is a cost-plus-award-fee (CPAF) contract, the term "fee" in paragraphs (c) and (d) means "base fee and award fee."
- (f) If the level of effort specified to be ordered during a given base or option period is not ordered during that period, that level of effort may not be accumulated and ordered during a subsequent period.
- (g) These terms and conditions do not supersede the requirements of either the "Limitation of Cost" or "Limitation of Funds" clauses.

(End of clause)

Clause EPA-B-16-102 is revised as follows:

OPTION PERIOD II

Local Clauses EPA-B-16-102 ESTIMATED COST AND FIXED FEE

(a) The estimated co	ost of this contract is	(b)(4)
(b) The fixed fee is		

(c) The total estimated cost and fixed fee is \$1,893,010.

(End of clause)

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD I

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 6/29/2019.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

OPTION PERIOD 1 - 8/1/18 THROUGH 7/31/19

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 6	(b)(4)	(b)(4)	\$1,412,357.00
Modification 7			\$200,000.00
Modification 9			\$20,000.00
Modification 10			\$18,413.38
Modification 11			\$50,000.00
Total Funded			\$1,700,770.38
Total Per Contract			\$1,861,602.00
Balance Unfunded			\$160,831.62

Clause EPA-B-32-101 is revised as follows:

OPTION PERIOD II

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 2/11/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 11	(b)(4)	(b)(4)	\$1,010,000.00
			7,000
Total Funded			\$1,010,000.00
Total Per Contract			\$1,893,010.00
Balance Unfunded			\$883,010.00
] [_

Section F - Deliveries or Performance was revised as follows.

Clause EPA-F-12-101 is revised as follows:

Local Clauses EPA-F-12-101 PERIOD OF PERFORMANCE

The period of performance of this contract shall be from August 1, 2019 through July 30, 2020 inclusive of all required reports.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	ONTRACT		CONTRACT ID CODE	P	AGE OF	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	LUISITION/PURCHASE REQ. NO.	5. PRO	JECT NO.	. (If applicable)
P00012	See Bloo	ck 16C	PR-0	W-19-00630			
6. ISSUED BY CODE	CAD		7. ADN	MINISTERED BY (If other than Item 6)	CODE		
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001	_						
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and	ZIP Code)	(v) 9A.	AMENDMENT OF SOLICITATION NO.			
GREAT LAKES ENVIRONMENTAL CE Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458		*	9B.	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NO $-C-17-040$ B. DATED (SEE ITEM 13)	O.		
CODE 800884181	FACILITY COD	E	0	8/23/2017			
	11. THIS ITI	EM ONLY APPLIES TO A	MENDM	ENTS OF SOLICITATIONS			
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referent 12. ACCOUNTING AND APPROPRIATION DATA (If reg See Schedule	pies of the amen udes a reference RECEIPT OF O change an offer a nce to the solicita uired)	dment; (b) By acknowled to the solicitation and a FFERS PRIOR TO THE already submitted , such ation and this amendmen	dging red mendme HOUR A change it, and is	eipt of this amendment on each copy of the off nt numbers. FAILURE OF YOUR ACKNOWL IND DATE SPECIFIED MAY RESULT IN REJE may be made by letter or electronic communica received prior to the opening hour and date sp	er submi EDGEME CTION Cation, pro ecified.	itted; or (centred); or (centr	e) By EE
CHECK ONE A. THIS CHANGE ORDER IS ISSUED I ORDER NO. IN ITEM 10A.	PURSUANT TO:	(Specify authority) THE	CHANG	ES SET FORTH IN ITEM 14 ARE MADE IN TH	HE CONT	TRACT	
B. THE ABOVE NUMBERED CONTRAL appropriation data, etc.) SET FORTH				MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b). TY OF:	n paying	office,	
D. OTHER (Specify type of modification X FAR 52.232-22 Limita	***	Funds					
E. IMPORTANT: Contractor 🗵 is not	9C30	o sign this document and	d return	copies to the issuing	office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 The purpose of this modifica of \$50,000 (b)(4) to cost and 2) change the Contractin Max Expire Date: 07/31/2023 LIST OF CHANGES: Reason for Modification: Fun Obligated Amount for this Mo Incremental Funded Amount ch \$4,301,383.40 to \$4,351,383.	tion is and (b)(4) g Office ding Onl dification	to: 1) Increments to fee) a record to Angela : y Action on: \$50,000.	menta s ind Lowe:	ally fund Option Period dicated on the recapitu	2 in		
Continued							
Except as provided herein, all terms and conditions of the	e document refe	erenced in Item 9 A or 10.	A, as he	retofore changed, remains unchanged and in fi	ull force a	and effect	
15A. NAME AND TITLE OF SIGNER (Type or print)	7222		16A. I	NAME AND TITLE OF CONTRACTING OFFICE			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. I	UNITED STATES OF AMERICA	EGTRO'	N/G	C. DATE SIGNED
(Signature of person authorized to sign)			-	(Signature of Contracting Officer)	GNATU	0	9/03/2019

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Contracting Officer changed				
	from Kathleen Rechenberg				
	to Angela Lower				
	CHANGES FOR LINE ITEM NUMBER: 2001				
	Obligated Amount for this Modification: \$50,000.00				
	Incremental Funded Amount changed from				
	\$1,010,000.00 to \$1,060,000.00				
	Incrementally Funded through date changed from				
	02/11/2020 to 02/20/2020				
	NEW ACCOUNTING CODE ADDED.				
	NEW ACCOUNTING CODE ADDED:				
	Account code: 19-20-B-40DC31C-000B53-2505-1940SRE042-001				
	200 10 10 10 10 10 10 10 10 10 10 10 10 1				
	Beginning Fiscal Year 19				
	Ending Fiscal Year 20				
	Fund (Appropriation) B				
	Budget Organization 40DC31C				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1940SRE042-001				
	Quantity: 0				
	Amount: \$50,000.00				
	Percent: 2.6413				
	Subject To Funding: N				
	Payment Address				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
		I	ı		

Clause EPA-B-32-101 is revised as follows:

OPTION PERIOD II

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 2/20/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action Modification 11 Modification 12	Est. Cost (b)(4)	Fixed Fee (b)(4)	Total CPFF \$1,010,000.00 \$50,000.00
Total Funded Total Per Contract			\$1,060,000.00 \$1,893,010.00
Balance Unfunded			\$833,010.00

Section G - Contract Administration Data was revised as follows.

Clause EPA-G-42-101 is incorporated as follows:

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer: Angela Lower US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136A Cincinnati, OH 45268 lower.angela@epa.gov 513-487-2036

Contract Specialist:
Amber Hawkins
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: W136A
Cincinnati, OH 45268
hawkins.amber@epa.gov
513-487-2126

AMENDMENT OF SOLICITATION/MODIFIC	CATION OF C	ONTRACT		CONTRACT ID CODE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE 4	4. REQ	JISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
P00013	See Blo	ck 16C	See	Schedule		
6. ISSUED BY CODE	CAD	- 3	7. ADN	IINISTERED BY (If other than Item 6)	CODE	
CAD US Environmental Protection 26 West Martin Luther King Mail Code: W136 Cincinnati OH 45268-0001					_	
8. NAME AND ADDRESS OF CONTRACTOR (No., stre	et, county, State and	I ZIP Code)	x) 9A.	AMENDMENT OF SOLICITATION NO.		
GREAT LAKES ENVIRONMENTAL C Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458	ENTER, IN	c. <u> </u>	9B. × 10A EF	DATED (SEE ITEM 11) . MODIFICATION OF CONTRACT/ORDER NOTE 1 7 - 0 4 0 . DATED (SEE ITEM 13)	O.	
CODE 800884181	FACILITY COD	E	0:	3/23/2017		
00 00, 0 to 1	11. THIS IT	 EM ONLY APPLIES TO AM		ENTS OF SOLICITATIONS		
	o change an offer ence to the solicits quired)	already submitted , such chation and this amendment,	hange i and is	nay be made by letter or electronic communication	ation, provided pecified.	TEM 14.
B. THE ABOVE NUMBERED CONTRA appropriation data, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEME D. OTHER (Specify type of modification)	NT IS ENTERED			MINISTRATIVE CHANGES (such as changes i OF FAR 43.103(b). 'Y OF:	in paying office	9,
X FAR 52.232-22 Limit	ation of	Funds				
E. IMPORTANT: Contractor 🗵 is not	is required t	to sign this document and i	return	copies to the issuing	g office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181	(Organized by U	ICF section headings, inclu	uding so	olicitation/contract subject matter where feasib	ole.)	
(b)(4) 2) Shift funds from	om cost a Option Pe net incr funds; an ner Admin ication:	nd(b)(4) riod 1 (b)(4) ease of \$345, d 3) change t istrative Act \$0.00	578. he (n fee) to Option Period to Option Period 2 in 23 all as indicated in Contracting Officer to	2 (b)(4) the am the Donna R	ount of einhart.
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		dra Stargardt-Licis		16C. DATE SIGNED
io. SONTMOTOROLLENON		IVO. DATE SIGNED	100.	EL	ECTAONIC	
(Signature of person authorized to sign)				(Signature of Contracting Officer)		02/06/2020

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES	QUANTITY (C)	UNIT (D)	UNIT PRICE	AMOUNT
(M)	(B)	(0)	(ח)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 1				
	Obligated Amount for this Modification:				
	-\$322,269.41				
	Incremental Funded Amount changed from				
	\$1,590,613.02 to \$1,268,343.61				
	CHANGES FOR ACCOUNTING CODE:				
	16-E3-40DC-201B81-2505-1740SRE044-001				
	Amount changed from \$800,000.00 to \$477,730.59				
	Amount Changed 110m \$000,000.00 to \$477,730.35				
	CHANGES FOR LINE ITEM NUMBER: 1001				
	Obligated Amount for this Modification:				
	-\$23,308.82				
	Incremental Funded Amount changed from				
	\$1,700,770.38 to \$1,677,461.56				
	CHANGES FOR ACCOUNTING CODE:				
	19-20-B-40DC31A-000B53-2505-1940SRE024-001				
	Amount changed from \$50,000.00 to \$26,691.18				
	CHANGES FOR LINE ITEM NUMBER: 2001				
	Obligated Amount for this Modification:				
	\$345,578.23				
	Incremental Funded Amount changed from				
	\$1,060,000.00 to \$1,405,578.23				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	16-E3-40DC-201B81-2505-1740SRE044-001				
	Beginning Fiscal Year 16				
	Ending Fiscal Year				
	Fund (Appropriation) E3				
	Budget Organization 40DC				
	Program (PRC) 201B81				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1740SRE044-001				
	Quantity: 0				
	Amount: \$322,269.41				
	Percent: 17.02418				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Continued				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED.				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	19-20-B-40DC31A-000B53-2505-1940SRE024-001				
	Beginning Fiscal Year 19				
	Ending Fiscal Year 20				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1940SRE024-001				
	Quantity: 0				
	Amount: \$23,308.82				
	Percent: 1.23131				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Paymont.				
	Payment: RTP Finance Center				
	especialization and increasing tests has an increasing and statement				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
			1		

Clause EPA-B-32-101 is revised as follows:

BASE PERIOD

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 3/27/19.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds:

BASE PERIOD-8/1/17 THROUGH 7/31/18

Funding Action	Est. Cost	Fixed Fee	Total CPFF
AWARD	(b)(4)	(b)(4)	\$1,459,808.23
Modification 1			(\$101,820.00)
Modification 2			(\$10,044.00)
Modification 3			\$100,000.00
Modification 4			\$150,000.00
Modification 5			\$11,082.17
Modification 10			(\$18,413.38)
Modification 13			(\$322,269.41)
Total Funded			\$1,268,343.61
Total Per Contract			\$1,934,955.00
Balance			, mag
Unfunded			\$666,611.39

OPTION PERIOD I

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 6/24/19.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 1 - 8/1/18 THROUGH 7/31/19

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 6	(b)(4)	(b)(4)	\$1,412,357.00
Modification 7			\$200,000.00
Modification 9			\$20,000.00

	(b)(4)	(b)(4)	
Modification 10 Modification 11 Modification 13			\$18,413.38 \$50,000.00 (\$23,308.82)
Total Funded Total Per Contract			\$1,677,461.56 \$1,861,602.00
Balance Unfunded			\$184,140.44

OPTION PERIOD II

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 4/27/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 11	(b)(4)	(b)(4)	\$1,010,000.00
Modification 12			\$50,000.00
Modification 13			\$322,269.41
Modification 13			\$23,308.82
Total Funded			\$1,405,578.23
Total Per Contract			\$1,893,010.00
Balance Unfunded			\$487,431.77
			_
End of clause			

Section G - Contract Administration Data was revised as follows.

Clause EPA-G-42-101 is revised as follows:

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer:
Donna Reinhart
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: W136A
Cincinnati, OH 45268
Reinhart.donna@epa.gov
513-487-2114

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				CONTRACT ID CODE	1. CONTRACT ID CODE PAGE			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTI	VE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PRC	1 8 DJECT NO. (If applicable)		
P00014	See Bl	ock 16C	PR-O	W-20-00243		, , , , , , , , , , , , , , , , , , , ,		
	CODE CAD		7. ADN	INISTERED BY (If other than Item 6)	CODE			
CAD US Environmental Protect: 26 West Martin Luther Ki Mail Code: W136 Cincinnati OH 45268-0001								
8. NAME AND ADDRESS OF CONTRACTOR (No.	., street, county, State	and ZIP Code)	,,, 9A.	AMENDMENT OF SOLICITATION NO.				
GREAT LAKES ENVIRONMENTAL Attn: William J Arnold 739 HASTINGS STREET PRAVERSE CITY MI 49686345	CENTER, I	NC.	9B. × 10A E.E.	DATED (SEE ITEM 11) . MODIFICATION OF CONTRACT/ORDER NO -C-17-040 5. DATED (SEE ITEM 13)	0.			
CODE 800884181	FACILITY C	ODE		8/23/2017				
	11. THIS	ITEM ONLY APPLIES TO AM		*				
CHECK ONE A. THIS CHANGE ORDER IS ISSORDER NO. IN ITEM 10A.	S TO MODIFICATION	O: (Specify authority) THE	CHANG	rease: \$7 DIFIES THE CONTRACT/ORDER NO. AS DES ES SET FORTH IN ITEM 14 ARE MADE IN THE MINISTRATIVE CHANGES (such as changes in OFFAR 43.103(b).	SCRIBE	ITRACT		
appropriation data, etc.) SET C. THIS SUPPLEMENTAL AGRE				or 30%				
D. OTHER (Specify type of modit	•							
X FAR 52.232-22 Lin	mitation o	F Funds, Local	Cla	use 1552.232-70				
E.IMPORTANT: Contractor ☐ is 14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 The purposes of this modifiamount of \$75,000 (b)(4)	ATION (Organized by	are to: 1) Incr and (b)(4) to	uding s emei	ntally Fund Option Perional and 2) Incorporate EP	le.) od 2 AAR (Clause		
.552.232-70, Submission of accordance with Clause 15		-	119.	Please submit future in	nvoi	ces in		
Max Expire Date: 07/31/20 MIST OF CHANGES: Reason for Modification:	123							
bligated Amount for this	_	-	0					
CHANGES FOR LINE ITEM NUM	IBER: 2001							
Except as provided herein, all terms and condition	ns of the document r	eferenced in Item 9 A or 10A	, as hei	etofore changed, remains unchanged and in fo	ull force	and effect.		
15A. NAME AND TITLE OF SIGNER (Type or pri			16A. I	NAME AND TITLE OF CONTRACTING OFFICE				
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		INITED STATES OF AMERICA	.ECTRO			

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 EP-C-17-040/P00014
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 8

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	LINIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
(21)	A	V 20	(2)	(2)	7.1
	Obligated Amount for this Modification: \$75,000.00				
	Incremental Funded Amount changed from				
	\$1,405,578.23 to \$1,480,578.23				
	NEW ACCOUNTING CODE ADDED				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	20-21-B-40DC31A-000B53-2505-2040SRE004-001				
	Beginning Fiscal Year 20				
	Ending Fiscal Year 21				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 2040SRE004-001				
	Quantity: 0				
	Amount: \$75,000.00				
	Percent: 3.96194				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
NON 7540 04 45	1 × × × × × × × × × × × × × × × × × × ×		1		ODTIONAL FORMACO (4.00)

Clause EPA-B-32-101 is revised as follows:

OPTION PERIOD II

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 4/27/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action Modification 11 Modification 12 Modification 13 Modification 13 Modification 14	Est. Cost (b)(4)	Fixed Fee (b)(4)	Total CPFF \$1,010,000.00 \$50,000.00 \$322,269.41 \$23,308.82 \$75,000.00
Total Funded Total Per Contract Balance Unfunded			\$1,480,578.23 \$1,893,010.00 \$412,431.77

Section G - Contract Administration Data was revised as follows.

Clause EPAAR 1552.232-70 is incorporated as follows:

Section G: Clause, EPAAR 1552.232-70 ALTERNATE I, is revised as follows: EPAAR 1552.232-70 SUBMISSION OF INVOICES. (MAY 2019) - ALTERNATE I (MAY 2019)

(a) Electronic invoicing and the Invoice Processing Platform (IPP)-(1) Definitions. As used in this clause-

Contract financing payment and invoice payment are defined in Federal Acquisition Regulation (FAR) 32.001.

Electronic form means an automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, email, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using Invoice Processing Platform or another electronic form authorized by the Contracting Officer.

Payment request means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.

(2)(i) Except as provided in paragraph (c) of this clause, the Contractor shall submit invoices using the electronic invoicing program Invoice Processing Platform (IPP), which is a secure web-based service provided by the U.S. Treasury that more efficiently manages government invoicing.

- (ii) Under this contract, the following documents are required to be submitted as an attachment to the IPP invoice: (This is a fill-in for acceptable types of required documentation, such as an SF 1034 and 1035, or an invoice/self-designed form on company letterhead that contains the required information.)
- (iii) The Contractor's Government Business Point of Contact (as listed in System for Award Management (SAM)) will receive enrollment instructions via email from the IPP. The Contractor must register within 3 to 5 days of receipt of such email from IPP.
- (iv) Contractor assistance with enrollment can be obtained by contacting the IPP Production Helpdesk via email at *IPPCustomerSupport@fiscal.treasury.gov* or by telephone at (866) 973-3131.
- (3) If the Contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the Contractor shall submit a waiver request in writing to the Contracting Officer. The Contractor may submit an invoice using other than IPP only when-
 - (i) The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor; and in such cases, the Contracting Officer shall modify the contract to include a copy of the Determination; or
 - (ii) When the Governmentwide commercial purchase card is used as the method of payment.
- (4) The Contractor shall submit any non-electronic payment requests using the method or methods specified in Section G of the contract.
- (5) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.
- (6) Invoices submitted through IPP will be either rejected, or accepted and paid, in their entirety, and will not be paid on a partial basis.
- (b) Invoice preparation. The Contractor shall prepare its invoice or request for contract financing payment in accordance with FAR 32.905 on the prescribed Government forms, or the Contractor may submit self-designed forms which contain the required information. Standard Form 1034, Public Voucher for Purchases and Services other than Personal, is prescribed for used by contractors to show the amount claimed for reimbursement. Standard Form 1035, Public Voucher for Purchases and Services other than Personal-Continuation Sheet, is prescribed for use to furnish the necessary supporting detail or additional information required by the Contracting Officer.
- (c) Invoice content. (1) The Contractor shall prepare a contract level invoice or request for contract financing payment in accordance with the invoice preparation instructions. If contract work is authorized by individual task order or delivery order (TO/DO), the invoice or request for contract financing payment shall also include a summary of the current and cumulative amounts claimed by cost element for each TO/DO and for the contract total, as well as any supporting data for each TO/DO as identified in the instructions.
 - (2) The invoice or request for contract financing payment that employs a fixed rate feature shall include current and cumulative charges by contract labor category and by other major cost elements such as travel, equipment, and other direct costs. For current costs, each cost element shall include the appropriate supporting schedules identified in the invoice preparation instructions.
- (d) Subcontractor charges. (1) The charges for subcontracts shall be further detailed in a supporting schedule showing the major cost elements for each subcontract.
 - (2) On a case-by-case basis, when needed to verify the reasonableness of subcontractor costs, the Contracting Officer may require that the contractor obtain from the subcontractor cost information in the detail set forth in paragraph (c)(2) of this section. This information should be obtained through a means

which maintains subcontractor confidentiality (for example, via sealed envelopes), if the subcontractor expresses Confidential Business Information (CBI) concerns.

- (e) *Period of performance indication*. Invoices or requests for contract financing payment must clearly indicate the period of performance for which payment is requested. Separate invoices or requests for contract financing payment are required for charges applicable to the base contract and each option period.
- (f) *Invoice submittal*. (1) Notwithstanding the provisions of the clause of this contract at FAR 52.216-7, *Allowable Cost and Payment*, invoices or requests for contract financing payment shall be submitted once per month unless there has been a demonstrated need and Contracting Officer approval for more frequent billings. When submitted on a monthly basis, the period covered by invoices or requests for contractor financing payments shall be the same as the period for monthly progress reports required under this contract.
 - (2) If the Contracting Officer allows submissions more frequently than monthly, one submittal each month shall have the same ending period of performance as the monthly progress report.
 - (3) Where cumulative amounts on the monthly progress report differ from the aggregate amounts claimed in the invoice(s) or request(s) for contract financing payments covering the same period, the contractor shall provide a reconciliation of the difference as part of the payment request.
- (g) EPA Invoice Preparation Instructions-SF 1034. The information which a contractor is required to submit in its Standard Form 1034 is set forth as follows:
 - (1) U.S. Department, Bureau, or establishment and location-Insert the names and address of the servicing finance office, unless the contract specifically provides otherwise.
 - (2) Date Voucher Prepared-Insert date on which the public voucher is prepared and submitted.
 - (3) Contract/Delivery Order Number and Date-Insert the number and date of the contract and task order or delivery order, if applicable, under which reimbursement is claimed.
 - (4) Requisition Number and Date-Leave blank.
 - (5) Voucher Number-Insert the appropriate serial number of the voucher. A separate series of consecutive numbers, beginning with Number 1, shall be used by the contractor for each new contract. For an adjustment invoice, write "(*invoice number*) #Adj" at the voucher number. For a final invoice, put invoice number F. For a completion invoice, put invoice number #C.
 - (6) Schedule Number; Paid By; Date Invoice Received-Leave blank.
 - (7) Discount Terms-Enter terms of discount, if applicable.
 - (8) Payee's Account Number-This space may be used by the contractor to record the account or job number(s) assigned to the contract or may be left blank.
 - (9) Payee's Name and Address-Show the name of the contractor exactly as it appears in the contract and its correct address, except when an assignment has been made by the contractor, or the right to receive payment has been restricted, as in the case of an advance account. When the right to receive payment is restricted, the type of information to be shown in this space shall be furnished by the Contracting Officer.
 - (10) Shipped From; To; Weight Government B/L Number-Insert for supply contracts.
 - (11) Date of Delivery or Service-Show the month, day and year, beginning and ending dates of incurrence of costs claimed for reimbursement. Adjustments to costs for prior periods should identify the period applicable to their incurrence, *e.g.*, revised provisional or final indirect cost rates, award fee, etc.

(12) Articles or Services-Insert the following: "For detail, see Standard Form 1035 total amount claimed transferred from Page ____ of Standard Form 1035." Insert "COST REIMBURSABLE-PROVISIONAL PAYMENT" or "INDEFINITE QUANTITY/INDEFINITE DELIVERY-PROVISIONAL PAYMENT" on the Interim public vouchers. Insert "COST REIMBURSABLE-COMPLETION VOUCHER" or "INDEFINITE QUANTITY/INDEFINITE DELIVERY-COMPLETION VOUCHER" on the Completion public voucher. Insert "COST REIMBURSABLE-FINAL VOUCHER" or "INDEFINITE QUANTITY/INDEFINITE DELIVERY-FINAL VOUCHER" on the final public voucher. Insert the following certification, signed by an authorized official, on the face of the Standard Form 1034:

"I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract."

(Name of	Offici	al)	
(Title)			

- (13) Quantity; Unit Price-Insert for supply contracts.
- (14) Amount-Insert the amount claimed for the period indicated in paragraph (g)(11) of this clause.
- (h) EPA Invoice Preparation Instructions-SF 1035. The information which a contractor is required to submit in its Standard Form 1035 is set forth as follows:
 - (1) U.S. Department, Bureau, or Establishment-Insert the name and address of the servicing finance office.
 - (2) Voucher Number-Insert the voucher number as shown on the Standard Form 1034.
 - (3) Schedule Number-Leave blank.
 - (4) Sheet Number-Insert the sheet number if more than one sheet is used in numerical sequence. Use as many sheets as necessary to show the information required.
 - (5) Number and Date of Order-Insert payee's name and address as in the Standard Form 1034.
 - (6) Articles or Services-Insert the contract number as in the Standard Form 1034.
 - (7) Amount-Insert the latest estimated cost, fee (fixed, base, or award, as applicable), total contract value, and amount and type of fee payable (as applicable).
 - (8) A summary of claimed current and cumulative costs and fee by major cost element-Include the rate(s) at which indirect costs are claimed and indicate the base of each by identifying the line of costs to which each is applied. The rates invoiced should be as specified in the contract or by a rate agreement negotiated by EPA's Cost and Rate Negotiation Team.
 - (9) Fee-The fee shall be determined in accordance with instructions appearing in the contract.

Note to paragraph (h)-Amounts claimed on vouchers must be based on records maintained by the contractor to show by major cost element the amounts claimed for reimbursement for each applicable contract. The records must be maintained based on the contractor's fiscal year and should include reconciliations of any differences between the costs incurred and amounts claimed for reimbursement. A memorandum record reconciling the total indirect cost(s) claimed should also be maintained.

(i) Supporting Schedules for Cost Reimbursement Contracts. The following backup information is required as an attachment to the invoice as shown by category of cost:

- (1) Direct Labor-Identify the number of hours (by contractor labor category and total) and the total loaded direct labor hours billed for the period in the invoice.
- (2) Indirect Cost Rates-Identify by cost center, the indirect cost rate, the period, and the cost base to which it is applied.
- (3) Subcontracts-Identify the major cost elements for each subcontract.
- (4) Other Direct Costs-When the cost for an individual cost (*e.g.*, photocopying, material and supplies, telephone usage) exceeds \$1,000 per the invoice period, provide a detailed explanation for that cost category.
- (5) Contractor Acquired Equipment (if authorized by the contract)-Identify by item the quantities, unit prices, and total dollars billed.
- (6) Contractor Acquired Software (if authorized by the contract)-Identify by item the quantities, unit prices, and total dollars billed.
- (7) Travel-When travel costs exceed \$2,000 per invoice period, identify by trip, the number of travelers, the duration of travel, the point of origin, destination, purpose of trip, transportation by unit price, per diem rates on daily basis and total dollars billed. Detailed reporting is not required for local travel. The manner of breakdown, *e.g.*, task order/delivery order basis with/without separate program management, contract period will be specified in the contract instructions.

Note to paragraph (i)-Any costs requiring advance consent by the Contracting Officer will be considered improper and will be disallowed, if claimed prior to receipt of Contracting Officer consent. Include the total cost claimed for the current and cumulative-to-date periods. After the total amount claimed, provide summary dollar amounts disallowed on the contract as of the date of the invoice. Also include an explanation of the changes in cumulative costs disallowed by addressing each adjustment in terms of: Voucher number, date, dollar amount, source, and reason for the adjustment. Disallowed costs should be identified in unallowable accounts in the contractor's accounting system.

- (j) Supporting Schedules for Time and Materials Contracts. The following backup information is required as an attachment to the invoice as shown by category of cost:
 - (1) Direct Labor-Identify the number of hours (by contractor labor category and total) and the total direct labor hours billed for the period of the invoice.
 - (2) Subcontracts-Identify the major cost elements for each subcontract.
 - (3) Other Direct Costs-When the cost for an individual cost (*e.g.*, photocopying, material and supplies, telephone usage) exceeds \$1,000 per the invoice period, provide a detailed explanation for that cost category.
 - (4) Indirect Cost Rates-Identify by cost center, the indirect cost rate, the period, and the cost base to which it is applied.
 - (5) Contractor Acquired Equipment-Identify by item the quantities, unit prices, and total dollars billed.
 - (6) Contractor Acquired Software-Identify by item the quantities, unit prices, and total dollars billed.
 - (7) Travel-When travel costs exceed \$2,000 per invoice period, identify by trip, the number of travelers, the duration of travel, the point of origin, destination, purpose of trip, transportation by unit price, per diem rates on daily basis and total dollars billed. Detailed reporting is not required for local travel. The manner of breakdown, *e.g.*, task order/delivery order basis with/without separate program management, contract period will be specified in the contract instructions.

Note to paragraph (j)-Any costs requiring advance consent by the Contracting Officer will be considered improper and will be disallowed, if claimed prior to receipt of Contracting Officer consent. Include the total cost claimed for the current and cumulative-to-date periods. After the total amount claimed, provide summary dollar amounts disallowed on the contract as of the date of the invoice. Also include an explanation of the changes in cumulative costs disallowed by addressing each adjustment in terms of: Voucher number, date, dollar amount, source, and reason for the adjustment. Disallowed costs should be identified in unallowable accounts in the contractor's accounting system.

- (k) Adjustment vouchers. Adjustment vouchers should be submitted if finalized indirect rates were received but the rates are not for the entire period of performance. For example, the base period of performance is for a calendar year, but your indirect rates are by fiscal year. Hence, only part of the base period can be adjusted for the applicable final indirect rates. These invoices should be annotated with "adj" after the invoice number.
- (1) Final vouchers. Final Vouchers shall be submitted if finalized rates have been received for the entire period of performance. For example, the base period of performance is for a calendar year, but your indirect rates are by fiscal year. You have received finalized rates for the entire base period that encompass both fiscal years that cover the base period. In accordance with FAR 52.216-7, these invoices shall be submitted within 60 days after settlement of final indirect cost rates. They should be annotated with the word "Final" or "F" after the invoice number. Due to system limitations, the invoice number cannot be more than 11 characters to include spaces.
- (m) Completion vouchers. In accordance with FAR 52.216-7(d)(5), a completion voucher shall be submitted within 120 days (or longer if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract. The voucher shall reflect the settled amounts and rates. It shall include settled subcontract amounts and rates. The prime contractor is responsible for settling subcontractor amounts and rates included in the completion invoice. Since EPA's invoices must be on a period of performance basis, the contractor shall have a completion invoice for each year of the period of performance. This voucher must be submitted to the Contracting Officer for review and approval before final payment can be made on the contract. The Contracting Officer may request an audit of the completion vouchers before final payment is made. In addition, once approved, the Contracting Officer will request the appropriate closeout paperwork for the contract. For contracts separately invoiced by delivery or task order, provide a schedule showing final total costs claimed by delivery or task order and in total for the contract. In addition to the completion voucher, the contractor must submit the Contractor's Release; Assignee's Release, if applicable; the Contractor's Assignment of Refunds, Rebates, Credits and other Amounts, if applicable; and the Contractor's Affidavit of Waiver of Lien, when required by the contract.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4 F	REQUISITION/PURCHASE REQ. NO.	Is pp	1	3 . (If applicable)
			7. (REGULATIONAL NEG. NO.	5.110	OULCT NO	. (п аррисаые)
P00015 6. ISSUED BY CODE	See Bloo	2K 16C	7	ADMINISTERED BY (If other than Item 6)	CODE	. 1	
CAD US Environmental Protection 26 West Martin Luther King I Mail Code: W136 Cincinnati OH 45268-0001	_				0002	<u> </u>	
8. NAME AND ADDRESS OF CONTRACTOR (No., street GREAT LAKES ENVIRONMENTAL CE Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458		. · ·	(x)	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER N EP-C-17-040	O.		
				10B. DATED (SEE ITEM 13)			
CODE 800884181	FACILITY COD	E		08/23/2017			
	11. THIS ITE	M ONLY APPLIES TO A	MEN	IDMENTS OF SOLICITATIONS			
CHECK ONE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT Appropriation data, etc.) SET FORTI	change an offer a nce to the solicita uired) ODIFICATION OF PURSUANT TO: CT/ORDER IS MO H IN ITEM 14, PU	already submitted , such of tion and this amendment F CONTRACTS/ORDERS (Specify authority) THE (DDIFIED TO REFLECT T IRSUANT TO THE AUTH	CHA	nge may be made by letter or electronic communic d is received prior to the opening hour and date specified prior to the opening hour and date specified with the contract/order no. As defined as SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as changes of the contract of the contrac	ation, properties. SCRIBE	rovided ED IN ITEM NTRACT	
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED I	NTO PURSUANT TO AU	THO	DRITY OF:			
D. OTHER (Specify type of modification	and authority)						
X Limitation of Funds							
E. IMPORTANT: Contractor is not	is required to	o sign this document and	retu	ırn copies to the issuing	office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 The purposes of this modific (b)(4) and increase the and 2) update the Limitation Max Expire Date: 07/31/2023 Continued Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ation is amount : of fund:	to 1) decrea in the fee po s clause as i	A, as	e the amount in the cost of the by (b)(4) under Optentified.	pool ion	Perio	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		B. UNITED STATES OF AMERICA	EÇTR	ONIC	C. DATE SIGNED
(Signature of person authorized to sign)			-	(Signature of Contracting Officer)	SIGNAT	ORE 0	4/30/2020
(- g			1	(-g. latare or contracting officer)			

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-17-040/P00015
 PAGE 2
 OF 2
 3

NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	1	(D)	(E)	(F)
	Payment:				**
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
NON 75 40 04 45		1	<u> </u>		ODTIONAL FORMAND (4.00)

Clause EPA-B-32-101 is revised as follows:

OPTION PERIOD II

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 5/27/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 11	(b)(4)	(b)(4)	\$1,010,000.00
Modification 12			\$50,000.00
Modification 13			\$322,269.41
Modification 13			\$23,308.82
Modification 14			\$75,000.00
Modification 15			\$0.00
Total Funded			\$1,480,578.23
Total Per Contract			\$1,893,010.00
Balance Unfunded			\$412,431.77

All other terms and conditions remain the same.

AMENDMENT OF SOLICITATION/MODIFICA	ONTRACT	1. CONTRACT ID CODE			E OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJEC	. 3 T NO. (If applicable)		
P00016	 See Bloc	k 16C	See	Schedule		, , , , , , , , , , , , , , , , , , , ,		
6. ISSUED BY CODE	CAD		7. ADN	IINISTERED BY (If other than Item 6)	CODE			
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001					_			
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and .	ZIP Code)	(x) 9A.	AMENDMENT OF SOLICITATION NO.				
GREAT LAKES ENVIRONMENTAL CEN Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458	· ·	9B. DATED (SEE ITEM 11) x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-17-040						
CODE	EACH ITY CODE	-		DATED (SEE ITEM 13)				
CODE 800884181	FACILITY CODE			8/23/2017 ENTS OF SOLICITATIONS				
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referer 12. ACCOUNTING AND APPROPRIATION DATA (If requised See Schedule	udes a reference RECEIPT OF OF change an offer a nce to the solicita uired)	to the solicitation and am FFERS PRIOR TO THE I- Ilready submitted , such c tion and this amendment,	nendme HOUR A change , and is	ND DATE SPECIFIED MAY RESULT IN REJE may be made by letter or electronic communica	EDGEMENT CTION OF Nation, provide ecified.	TO BE YOUR ed		
	CT/ORDER IS MO I IN ITEM 14, PU	ODIFIED TO REFLECT TI RSUANT TO THE AUTH	HE ADI ORITY	ES SET FORTH IN ITEM 14 ARE MADE IN TH MINISTRATIVE CHANGES (such as changes in OF FAR 43.103(b).				
D. OTHER (Specify type of modification	and authority)							
X Mutual Agreement of	Parties	and Limitatio	on o	f Funds				
E.IMPORTANT: Contractor is not 14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 800884181	Organized by U	CF section headings, inclu	uding s		le.)			
The purposes of this modifice Period 2, and 2) update the Max Expire Date: 07/31/2023 LIST OF CHANGES: Reason for Modification: Otherotal Amount for this Modification	Limitatio	on of funds c	laus	=	to Opf	cion		
CHANGES FOR LINE ITEM NUMBER Obligated Amount for this Mo- Continued Except as provided herein, all terms and conditions of the	dificatio		, as hei					
15A. NAME AND TITLE OF SIGNER (Type or print)				NAME AND TITLE OF CONTRACTING OFFICE na Reinhart	⊾⊨K (Type or	print)		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		INITED STATES OF AMERICA	ECTRONIC	16C. DATE SIGNED		
(Signature of person authorized to sign)	*			(Signature of Contracting Officer)		00/11/2020		

 CONTINUATION SHEET
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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Incremental Funded Amount changed from		╁		
	\$1,677,461.56 to \$1,474,469.50				
	71,077,401.30 00 91,474,403.30				
	CHANGES FOR ACCOUNTING CODE:				
	CONTRACTOR OF THE CONTRACT OF THE TOTAL SERVICE SHOW SHOW THE SERVICE THE SERVICE SHOW THE SERVICE SHOWS THE SERVICE SHO				
	17-E3-40DC-201B81-2505-1840SRE031-003				
	Amount changed from \$600,000.00 to \$397,007.94				
	N. S.				
	CHANGES FOR LINE ITEM NUMBER: 2001				
	Obligated Amount for this Modification:				
	\$202,992.06				
	Incremental Funded Amount changed from				
	\$1,480,578.23 to \$1,683,570.29				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	17-E3-40DC-201B81-2505-1840SRE031-003				
	Beginning FiscalYear 17				
	Ending Fiscal Year				
	Fund (Appropriation) E3				
	Budget Organization 40DC				
	Program (PRC) 201B81				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 1840SRE031-003				
	Quantity: 0				
	Amount: \$202,992.06				
	Initiodife. \$202,332.00				
	Section B: Clause, EPA-B-32-101, is incorporated				
	as follows:				
	EPA-B-32-101 LIMITATION OF FUNDS NOTICE				
	OPTION PERIOD 1:				
	(a) Severable services may be incrementally				
	funded. Non-severable services shall not be				
	incrementally funded. Pursuant to clause				
	52.232-22/Limitation of Funds, incremental				
	funding in the amount of $(b)(4)$ is				
	allotted to cover estimated cost. Funding in the				
	amount of $(b)(4)$ is provided to cover the				
	corresponding increment of fixed fee. The amount				
	allotted for costs is estimated to cover the				
	contractor's performance through 7/31/2019.				
	(b) When the contract is fully funded as				
	specified in clause EPA-B-16-102/ Estimated Cost				
	and Fixed Fee, then clause 52.232-20/Limitation				
	of Cost shall become applicable.				
	(c) Recapitulation of Funds is updated on the				
	last page				
	OPTION PERIOD 2:				
	Continued				
	Concinued				
			1		

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY			AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	(a) Severable services may be incrementally				
	funded. Non-severable services shall not be				
	incrementally funded. Pursuant to clause				
	52.232-22/Limitation of Funds, incremental funding in the amount of (b)(4)				
	funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the				
	amount of $(b)(4)$ is provided to cover the				
	corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the				
	contractor's performance through 6/01/2019.				
	(b) When the contract is fully funded as				
	specified in clause EPA-B-16-102/ Estimated Cost				
	and Fixed Fee, then clause 52.232-20/Limitation				
	of Cost shall become applicable.				
	(c) Recapitulation of Funds is updated on the				
	last page.				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2020				
		1	1		

RECAPITULATION OF FUNDS OPTION PERIOD 1 - 8/1/18 THROUGH 7/31/19

Funding Action	Fst. Cost	Fixed Fee	Total CPFF
Modification 6	(b)(4)	(b)(4)	\$1,412,357.00
Modification 7			\$200,000.00
Modification 9			\$20,000.00
Modification 10			\$18,413.38
Modification 11			\$50,000.00
Modification 13			(\$23,308.82)
Modification 16			(\$202,992.06)
Total Funded			\$1,474,469.50
Total Per Contract			\$1,861,602.00
Balance Unfunded			\$387,132.50

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 11	(b)(4)	(b)(4)	\$1,010,000.00
Modification 12			\$50,000.00
Modification 13			\$322,269.41
Modification 13			\$23,308.82
Modification 14			\$75,000.00
Modification 15			\$0.00
Modification 16			\$202,992.06
			, , , , , , , , , , , , , , , , , , ,
Total Funded			\$1,683,570.29
Total Per Contract			\$1,893,010.00
Balance Unfunded			\$209,439.71
			*

AMENDMENT OF SOLICITATION/MODIFICA		CONTRACT ID CODE	PAGE	PAGE OF PAGES					
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)				
P00017	See Block 16C	PR-0	PR-OW-20-00526						
6. ISSUED BY CODE	CAD	7. ADN	INISTERED BY (If other than Item 6)	CODE					
CAD US Environmental Protection . 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001	-			_					
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)	(₁₄) 9A.	AMENDMENT OF SOLICITATION NO.		 				
GREAT LAKES ENVIRONMENTAL CEN Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458		9B. × 10A	9B. DATED (SEE ITEM 11)						
CODE 800884181	FACILITY CODE	-	3/23/2017						
800804181	11. THIS ITEM ONLY APPLIES								
separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$824,900.00 See Schedule 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).									
D. OTHER (Specify type of modification of X IAW EPAAR 1552.211-7	and authority)	TO AUTHORIT	TOP.						
X IAW EPAAR 1552.211-7	★ is required to sign this documer		1 copies to the issuing						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 800884181 Max Expire Date: 07/31/2023 The purpose of this modification is to: 1) Exercise Option Period 3 and 2) Incrementally fund Option Period 3 in the amount of \$824,900 (b)(4) to cost and (b)(4) to fee) as indicated on the recapitulation of funds. LIST OF CHANGES: Reason for Modification: Exercise an Option Period Of Performance End Date changed from 31-JUL-20 to 31-JUL-21 Obligated Amount for this Modification: \$824,900.00 Continued Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.									
15A. NAME AND TITLE OF SIGNER (Type or print)			IAME AND TITLE OF CONTRACTING OFFIC						
		Har	old D. Hincks						
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNE		INITED STATES OF AMERICA	.ECTRONIC SIGNATURE	16C. DATE SIGNED 07/13/2020				

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 3001				
	Obligated Amount for this Modification:				
	\$824,900.00				
	Exercised option				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	19-E3-40DC-000B81-2505-2040SRE023-001				
	Beginning Fiscal Year 19				
	Ending Fiscal Year				
	Fund (Appropriation) E3				
	Budget Organization 40DC				
	W E				
	Program (PRC) 000B81				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 2040SRE023-001				
	Quantity: 0				
	Amount: \$824,900.00				
	Percent: 0				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Dulliam Ne 27/11				
	CHANGES FOR LINE ITEM NUMBER: 3002				
	Exercised option				
	Exercised option				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2021				

Clause 1552.211-73 is revised as follows:

OPTION PERIOD III

EPAAR 1552.211-73 LEVEL OF EFFORT-COST-REIMBURSEMENT CONTRACT. (MAY 2016)

- (a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Contractor shall provide up to **8,900 direct labor hours** for **option period III**. The Government's best estimate of the level of effort to fulfill these requirements is provided for advisory and estimating purposes. The Government is only obligated to pay for direct labor hours ordered and corresponding fixed fee for labor hours completed.
- (b) Direct labor includes personnel such as engineers, scientists, draftsmen, technicians, statisticians, and programmers, and not support personnel such as company management or data entry/word processing/accounting personnel even though such support personnel are normally treated as direct labor by the Contractor. The level of effort specified in paragraph (a) of this section includes Contractor, subcontractor, and consultant non-support labor hours.
- (c) If the Contractor provides less than 90 percent of the level of effort specified for the base period or any optional period exercised, an equitable downward adjustment of the fixed fee, if any, for that period will be made. The downward adjustment will reduce the fixed fee by the percentage by which the total expended level of effort is less than 100% of that specified in paragraph (a). (For instance, if a hypothetical base-period LOE of 100,000 hours is being reduced to 70,000, the fixed fee shall also be reduced by the same 30%. Using a corresponding hypothetical base-period fixed fee pool of \$300,000, the reduced fixed-fee amount is calculated as: \$300,000 x (70,000 hours/100,000 hours) = \$210,000.)
- (d) The Government may require the Contractor to provide additional effort up to 110 percent of the level of effort for any period until the estimated cost for that period has been reached. However, this additional effort shall not result in any increase in the fixed fee, if any.
- (e) If this is a cost-plus-incentive-fee (CPIF) contract, the term "fee" in paragraphs (c) and (d) of this section means "base fee and incentive fee." If this is a cost-plus-award-fee (CPAF) contract, the term "fee" in paragraphs (c) and (d) means "base fee and award fee."
- (f) If the level of effort specified to be ordered during a given base or option period is not ordered during that period, that level of effort may not be accumulated and ordered during a subsequent period.
- (g) These terms and conditions do not supersede the requirements of either the "Limitation of Cost" or "Limitation of Funds" clauses.

(End of clause)

Clause EPA-B-16-102 is revised as follows:

OPTION PERIOD III

(a) The estimated cost of this contract is (b)(4)
(b) The fixed fee is (b)(4)
(c) The total estimated cost and fixed fee is \$1,347,822.

(End of clause)

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD III

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 3/11/2021.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 3 - 8/1/20 THROUGH 7/31/21

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 17	(b)(4)	(b)(4)	\$824,900.00
Total Funded			\$824,900.00
Total Per Contract			\$1,347,822.00
Balance Unfunded			\$522,922.00

Section F - Deliveries or Performance was revised as follows.

Clause EPA-F-12-101 is revised as follows:

Local Clauses EPA-F-12-101 PERIOD OF PERFORMANCE

The period of performance of this contract shall be from August 1, 2020 through July 30, 2021 inclusive of all required reports.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFIC	NTRACT		1. CONTRACT ID CODE	PAGE	OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE 4	4. RE	 QUISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)		
P00018	See Bloc	k 16C	PR-OW-20-00735					
6. ISSUED BY CODE	CAD	- 3	7. AD	MINISTERED BY (If other than Item 6)	CODE			
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001								
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and .	ZIP Code)	ν\ 9 <i>Α</i>	A. AMENDMENT OF SOLICITATION NO.		-		
GREAT LAKES ENVIRONMENTAL CE Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458	-	9B. DATED (SEE ITEM 11) × 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-17-040						
CODE 800884181	FACILITY CODE			B. DATED (SEE ITEM 13)				
				MENTS OF SOLICITATIONS				
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referent 12. ACCOUNTING AND APPROPRIATION DATA (If required See Schedule 13. THIS ITEM ONLY APPLIES TO M	RECEIPT OF OF change an offer a nee to the solicita uired)	FERS PRIOR TO THE H iready submitted , such cl ion and this amendment, Net	HOUR Hange , and i	AND DATE SPECIFIED MAY RESULT IN REJE may be made by letter or electronic communic s received prior to the opening hour and date sp	ection of your ation, provided becified.	OUR 		
CHECK ONE A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) THE C	CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN TI	HE CONTRAC	т		
B. THE ABOVE NUMBERED CONTRAC appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes if OF FAR 43.103(b).	in paying office	9,		
D. OTHER (Specify type of modification	and authority)							
X IAW FAR 52.232-22 Li	**	of Funds						
E. IMPORTANT: Contractor is not	60.76	sign this document and	return	1 copies to the issuing	g office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 Max Expire Date: 07/31/2023	(Organized by UC	F section headings, inclu	uding	solicitation/contract subject matter where feasib	ole.)			
The purposes of this modification are 1) Incrementally Fund Option Period 3 in the amount of \$123,200 (b)(4) cost and (b)(4) fee) as indicated in the attached recapitulation of funds; 2) Update Clause EPA-G-42-101 to change the Contracting Officer to Gerold Young; and 3) This contract is being modified in accordance with the applicability instructions in interim FAR Case 2019-009, and FAR 4.2105, requiring contracting officers to include FAR clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. See attached for the full text version of FAR 52.204-25. *Contractor Acknowledgment of receipt required.								
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	enced in Item 9 A or 10A,	10A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)						
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B.		LECTRONIC	16C. DATE SIGNED		
(Signature of person authorized to sign)			_	(Signature of Contracting Officer)	SIGNATURE	08/24/2020		

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NAME OF OFFEROR OR CONTRACTOR

M NO. A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	LIST OF CHANGES:				
	Reason for Modification: Funding Only Action				
	Obligated Amount for this Modification:				
	\$123,200.00				
	CHANGES FOR LINE ITEM NUMBER: 3001				
	Obligated Amount for this Modification:				
	\$123,200.00				
	Incremental Funded Amount changed from				
	\$824,900.00 to \$948,100.00				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	20-21-B-40DC31A-000B53-2505-2040SRE032-001				
	Beginning Fiscal Year 20				
	Ending Fiscal Year 21				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 2040SRE032-001				
	Quantity: 0				
	Amount: \$123,200.00				
	Percent: 9.14067				
	Subject To Funding: N				
	Payment Address:				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2021				

Section B - Supplies or Services/Prices

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD III

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 4/14/2021.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 3 - 8/1/20 THROUGH 7/31/21

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 17	(b)(4)	(b)(4)	\$824,900.00
Modification 18			\$123,200.00
Total Funded			\$948,100.00
Total Per Contract			\$1,347,822.00
Balance Unfunded			\$399,722.00

Section G - Contract Administration Data

1 - Clause was revised as follows.

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer: Gerold Young US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136A Cincinnati, OH 45268

Young.gerold@epa.gov

513-487-2660

Section I - Contract Clauses

Clause FAR 52.204-25 was incorporated as follows:

FAR 52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

As prescribed in 4.2105(b) and in the applicability instructions in interim FAR Case 2019-009, insert the following clause:

Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)

(a) *Definitions*. As used in this clause—

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means-

- (1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);
- (2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
- (3) Telecommunications or video surveillance services provided by such entities or using such equipment; or
- (4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means—

- (1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;
- (2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-
- (i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or
 - (ii) For reasons relating to regional stability or surreptitious listening;
- (3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);
- (4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);
- (5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or
- (6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(b) Prohibition. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive

agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

- (2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.
 - (c) Exceptions. This clause does not prohibit contractors from providing—
- (1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
- (2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
 - (d) Reporting requirement.
- (1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at https://dibnet.dod.mil. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at https://dibnet.dod.mil.
- (2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause
- (i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity

identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

- (ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.
- (e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT					CONTRACT ID CODE		PAGE OF PAGES		
2. AMENDMENT/MO	ODIFICATION NO.	3. EFFECTIVE	DATE	4. RI		5. PR0	JECT NO	∠ . (If applicable)	
P00019		See Bloo	ck 16C						
6. ISSUED BY	CODE	CAD		7. A	DMINISTERED BY (If other than Item 6)	CODE			
26 West Ma Mail Code:	mental Protection rtin Luther King D W136 OH 45268-0001	_							
8 NAME AND ADDR	RESS OF CONTRACTOR (No., street	county State and	7IP Code)		PA. AMENDMENT OF SOLICITATION NO.				
GREAT LAKES Attn: Willi 739 HASTING	S ENVIRONMENTAL CE Lam J Arnold		c.	(X)	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO EP $-C-1.7-0.4.0$	Ο.			
CODE 80088	4181	FACILITY COD	E		08/23/2017				
		11. THIS IT	 EM ONLY APPLIES TO AF		DMENTS OF SOLICITATIONS				
CHECK ONE A. T. C. B. T. a.	3. THIS ITEM ONLY APPLIES TO M HIS CHANGE ORDER IS ISSUED F RDER NO. IN ITEM 10A.	ODIFICATION O PURSUANT TO: CT/ORDER IS M 1 IN ITEM 14, PU	(Specify authority) THE (ODIFIED TO REFLECT T JRSUANT TO THE AUTH	CHAI	MODIFIES THE CONTRACT/ORDER NO. AS DESINGES SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as changes in CY OF FAR 43.103(b).	HE CON	NTRACT	14.	
	OTHER (Specify type of modification	and authority)							
	AAR 1552.237-72 Ke	• •	nel						
E. IMPORTANT:	Contractor X is not		o sign this document and	retur	n copies to the issuing	office.			
DUNS Number Max Expire The purpose to reflect Manager (Po	r: 800884181 Date: 07/31/2023 of this modifica (b)(4) as P 4).	tion is rogram M	to Update Cla anager (P4) a	aus		Key		onnel Program	
	Modification: Oth			cio	n				
Total Amou	nt for this Modifi	cation:	\$U.UU						
Continued				1 5000		и.с.			
	nerein, all terms and conditions of tr	ie aocument rete	пенсец и цетт 9 д от 10д	16/	heretofore changed, remains unchanged and in fu				
15B. CONTRACTOR	R/OFFEROR		15C. DATE SIGNED	168		.ecyro Ionat	ONIC	0. DATE SIGNED	

 CONTINUATION SHEET
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 EP-C-17-040/P00019
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NAME OF OFFEROR OR CONTRACTOR

ΓΕΜ NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Clause EPAAR 1552.237-72 is revised as follows:				
	1 10 10 10 10 10 10 10 10 10 10 10 10 10				
	H-18 EPAAR 1552.237-72 KEY PERSONNEL. (APR 1984)				
	(a) The Contractor shall period to this contract				
	(a) The Contractor shall assign to this contract the following key personnel:				
	Program Manager (P4): (b)(4)				
	Deputy Program Manager (P4): (b)(4)				
		1			
	(b) During the first ninety (90) days of performance, the Contractor shall make no				
	substitutions of key personnel unless the				
	substitution is necessitated by illness, death,				
	or termination of employment. The Contractor				
	shall notify the Contracting Officer within 15				
	calendar days after the occurrence of any of				
	these events and provide the information required				
	by paragraph (c) of this clause. After the				
	initial 90-day period, the Contractor shall submit the information required by paragraph (c)				
	to the Contracting Officer at least 15 days prior				
	to making any permanent substitutions.				
	(c) The Contractor shall provide a detailed				
	explanation of the circumstances necessitating the proposed substitutions, complete resumes for				
	the proposed substitutions, complete resumes for the proposed substitutes, and any additional				
	information requested by the Contracting Officer.				
	Proposed substitutes should have comparable				
	qualifications to those of the persons being				
	replaced. The Contracting Officer will notify the				
	Contractor within 15 calendar days after receipt				
	of all required information of the decision on substitutions. This clause will be modified to				
	reflect any approved changes of key personnel.				
	(End of clause)				
	Payment:				
	RTP Finance Center US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2021				
			ıl		

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CO	NTRACT		CONTRACT ID CODE	PAGE	OF PAGES				
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE (DATE 4	4. RE	UUISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)				
P00020	See Bloc	k 16C	PR-(DW-21-00244						
6. ISSUED BY CODE	CAD	3	7. AD	MINISTERED BY (If other than Item 6)	CODE					
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001										
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and Z	(IP Code)	-	. AMENDMENT OF SOLICITATION NO.		·				
GREAT LAKES ENVIRONMENTAL CENTER, INC. Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458			9B. DATED (SEE ITEM 11) x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-17-040							
CODE 800884181	FACILITY CODE			B. DATED (SEE ITEM 13) 08/23/2017						
	11. THIS ITE	M ONLY APPLIES TO AM		MENTS OF SOLICITATIONS						
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referent 12. ACCOUNTING AND APPROPRIATION DATA (If required see Schedule 13. THIS ITEM ONLY APPLIES TO M	RECEIPT OF OF change an offer al nee to the solicitat uired)	FERS PRIOR TO THE H ready submitted , such cl ion and this amendment, Net	HOUR hange and is	AND DATE SPECIFIED MAY RESULT IN REJ may be made by letter or electronic communion s received prior to the opening hour and date s	ECTION OF YOU cation, provided pecified.	DUR 1 , 00				
CHECK ONE A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) THE C	CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN 1	THE CONTRAC	CT				
B. THE ABOVE NUMBERED CONTRAC appropriation data, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes ' OF FAR 43.103(b). ITY OF:	in paying office	9,				
D. OTHER (Specify type of modification	and authority)									
X IAW FAR 52.232-22 Li	.mitation	of Funds								
E. IMPORTANT: Contractor X is not	is required to	sign this document and i	return	copies to the issuir	ig office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 Max Expire Date: 07/31/2023	(Organized by UC	F section headings, inclu	uding .	solicitation/contract subject matter where feasi	ble.)					
LIST OF CHANGES:	dinc C-1	A ation								
Reason for Modification: Fun Total Amount for this Modifi New Total Amount for this Ve New Total Amount for this Aw Obligated Amount for this Mo New Total Obligated Amount f	cation: \$ rsion: \$1 ard: \$13, dificatio or this A	0.00 ,347,822.00 363,496.00 n: \$120,000.		3.40						
Incremental Funded Amount ch	anged:	from								
\$0.00 to \$5,494,483.40										
Continued						rr 11.4				
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	ne document refer	enced in Item 9 A or 10A,	16A.	aretofore changed, remains unchanged and in NAME AND TITLE OF CONTRACTING OFFI Carles K. Fischer						
15B. CONTRACTOR/OFFEROR		I5C. DATE SIGNED	16B.	UNITED STATES OF AMERICA	LECTRONIC SIGNATURE	16C. DATE SIGNED				
(Signature of person authorized to sign)			1.52	(Signature of Contracting Officer)		03/26/2021				

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NAME OF OFFEROR OR CONTRACTOR

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
(A)	(B)	(C)	(D)	(E)	(F)
	Contracting Officer changed				100 %
	from Gerold D. Young II				
	Trom deroid b. roung ir				
	to Charles K. Fischer				
	co charles k. Hischel				
	CHANGES FOR LINE ITEM NUMBER: 3001				
	Obligated Amount for this Modification:				
	\$120,000.00				
	Incremental Funded Amount changed from				
	\$948,100.00 to \$1,068,100.00				
	Incrementally Funded through date changed from				
	03/11/2021 to 05/16/2021				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	21-22-B-40DC31A-000B53-2505-2140SRE010-001				
	Beginning FiscalYear 21				
	Ending Fiscal Year 22				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 2140SRE010-001				
	Quantity: 0				
	Amount: \$100,000.00				
	Percent: 7.41938				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	21-22-B-40DC31C-000B53-2505-2140SRE010-002				
	Beginning FiscalYear 21				
	Ending Fiscal Year 22				
	Fund (Appropriation) B				
	Budget Organization 40DC31C				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-LineID 2140SRE010-002				
	Continued				

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 OF

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NAME OF OFFEROR OR CONTRACTOR

ITEMANO	CHEDITECTOEDATOE	QUANTITY	116117	UNIT PRICE	ANAOUNIT
ITEM NO. (A)	SUPPLIES/SERVICES (B)		(D)	(E)	AMOUNT (F)
(4)		(0)	(")	(1)	(,
	Quantity: 0				
	Amount: \$20,000.00				
	Percent: 1.48388				
	Subject To Funding: N Payment Address:				
	rayment Address:				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2021				
NCN 7540 04 45			1	I	ODTIONAL FORMACO (4 00)

Section B - Supplies or Services/Prices

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD III

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 5/16/2021.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS

OPTION PERIOD 3 - 8/1/20 THROUGH 7/31/21

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 17	(b)(4)	(b)(4)	\$824,900.00
Modification 18			\$123,200.00
Modification 20			\$120,000.00
Total Funded			\$1,068,100.00
Total Per Contract			\$1,347,822.00
Balance Unfunded			\$279,722.00

Section G - Contract Administration Data

1 - Clause was revised as follows.

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer: Charles Fischer US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136A Cincinnati, OH 45268 Fischer.charles@epa.gov

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRAC	T	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REC	UISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
P00021	 See Block 160	PR-C	AD-21-00074	
6. ISSUED BY CODE	CAD		MINISTERED BY (If other than Item 6)	CODE
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001	_			
8. NAME AND ADDRESS OF CONTRACTOR (No., street	county. State and ZIP Code)	I9A	AMENDMENT OF SOLICITATION NO.	
GREAT LAKES ENVIRONMENTAL CE Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458		98 × 10,	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NO $C = C - 1.7 - 0.40$	D.
CODE 800884181	FACILITY CODE		8/23/2017	
	11, THIS ITEM ONLY A		IENTS OF SOLICITATIONS	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED IN ORDER NO. IN ITEM 10A.	nce to the solicitation and the uired) ODIFICATION OF CONTRA PURSUANT TO: (Specify at	acts/orders. It Mouthority) THE CHANG	11. To 20. 15 24. 77 NO. 51 TO 50. 50 BH 5 CO. M. PARING 15 2006 11 15 15 15 150	SCRIBED IN ITEM 14. HE CONTRACT
C. THIS SUPPLEMENTAL AGREEMEN			or una	
D. OTHER (Specify type of modification	and authority)			
X Mutual Agreement of	Parties and F	AR 52.232-2	2 Limitation of Funds	
E. IMPORTANT: Contractor is not	x is required to sign this	document and return	1 copies to the issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 Max Expire Date: 07/31/2023 The purposes of this modific (b)(4); 2) Upda	ation are to:	1) Shift f		the amount of
Local Clause EPA-G-42-101, C and conditions remain unchan		istration R	epresentatives; and 4) i	All other terms
LIST OF CHANGES: Reason for Modification: Oth Total Amount for this Modifi Continued		cive Action		
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e document referenced in I	16A.	retofore changed, remains unchanged and in for NAME AND TITLE OF CONTRACTING OFFICATION CONTRACTION OFFICE CONTRACTION OFFICE CONTRACTION	
15B. CONTRACTOR/OFFEROR	15C. DATI	E SIGNED 16B.	UNITED STATES OF AMERICA	16C. DATE SIGNED LECTRONIC SIGNATURE 05/03/2021
(Signature of person authorized to sign)			(Signature of Contracting Officer)	

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
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 OF

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NAME OF OFFEROR OR CONTRACTOR

TEM NO.	SUPPLIES/SERVICES	QUANTITY		UNIT PRICE	AMOUNT
A)	(B)	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 2001				
	Obligated Amount for this Modification: -\$440.44				
	Incremental Funded Amount changed from				
	\$1,683,570.29 to \$1,683,129.85				
	71,003,370.25 (0 71,003,125.03				
	CHANGES FOR ACCOUNTING CODE:				
	20-21-B-40DC31A-000B53-2505-2040SRE004-001				
	Amount changed from \$75,000.00 to \$74,559.56				
	CHANGES FOR LINE ITEM NUMBER: 3001				
	Obligated Amount for this Modification: \$440.44				
	Incremental Funded Amount changed from				
	\$1,068,100.00 to \$1,068,540.44				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	20-21-B-40DC31A-000B53-2505-2040SRE004-001				
	Beginning Fiscal Year 20				
	Ending Fiscal Year 21				
	Fund (Appropriation) B				
	Budget Organization 40DC31A				
	Program (PRC) 000B53				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 2040SRE004-001				
	Quantity: 0				
	Amount: \$440.44				
	Percent: .03268				
	Subject To Funding: N				
	Payment Address				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2021				

Section B - Supplies or Services/Prices was revised as follows.

Summary of Clause Changes:

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD 2:

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of is allotted to cover estimated cost. Funding in the amount of provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 06/19/2020.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action Modification 11 Modification 12 Modification 13 Modification 13 Modification 14 Modification 15 Modification 16 Modification 21	Est. Cost (b)(4)	Fixed Fee (b)(4)	Total CPFF \$1,010,000.00 \$50,000.00 \$322,269.41 \$23,308.82 \$75,000.00 \$0.00 \$202,992.06 (\$440.44)
Total Funded Total Per Contract Balance Unfunded			\$1,683,129.85 \$1,893,010.00 \$209,880.15

OPTION PERIOD 3:

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 05/16/2021.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause

(EPA-B-16-102), the Limitation of Cost clause shall become applicable.

(c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 3 - 8/1/20 THROUGH 7/31/21

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 17	(b)(4)	(b)(4)	\$824,900.00
Modification 18			\$123,200.00
Modification 20			\$120,000.00
Modification 21			\$440.44
Total Funded			\$1,068,540.44
Total Per Contract			\$1,347,822.00
Balance Unfunded			\$279,281.56
		1 1	,

Section G - Contract Administration Data

Clause EPA-G-42-101 was revised as follows.

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contract Specialist:
Amber Hawkins
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: W136A
Cincinnati, OH 45268
Hawkins.amber@epa.gov
513-487-2126

Contracting Officer:
Candice Charlton
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: W136A
Cincinnati, OH 45268
Charlton.candice@epa.gov
513-569-7996

AMENDMENT OF SOLICITATION/MODIFICA	RACT	CONTRACT ID CODE	PAGE	OF PAGES	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. F	REQUISITION/PURCHASE REQ. NO.	5. PROJECT N	IO. (If applicable)
P00022	 See Block 1	ISC PR	-OW-21-00653		
6. ISSUED BY CODE	CAD		ADMINISTERED BY (If other than Item 6)	CODE	
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001	_				
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	, county, State and ZIP Co	de) (w)	9A. AMENDMENT OF SOLICITATION NO.		
GREAT LAKES ENVIRONMENTAL CEN Attn: William J Arnold 739 HASTINGS STREET TRAVERSE CITY MI 496863458		(X)	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER EP-C-17-040 10B. DATED (SEE ITEM 13)	NO.	
CODE 800884181	FACILITY CODE		08/23/2017		
CODE 800884181		II V ADDI IFO TO TO	IDMENTS OF SOLICITATIONS		
☐ The above numbered solicitation is amended as set for Offers must acknowledge receipt of this amendment p Items 8 and 15, and returning conseparate letter or electronic communication which included RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to a consequence of the proof of the consequence of the conseque	rior to the hour and da pies of the amendment udes a reference to the RECEIPT OF OFFER	te specified in the solici ; (b) By acknowledging e solicitation and amend S PRIOR TO THE HOU	itation or as amended , by one of the following n receipt of this amendment on each copy of the dment numbers. FAILURE OF YOUR ACKNOW IR AND DATE SPECIFIED MAY RESULT IN RE	nethods: (a) By cor offer submitted ; or WLEDGEMENT TO JECTION OF YOU	(c) By
each letter or electronic communication makes referen	nce to the solicitation a		ATTENDED TO THE PROPERTY OF THE PARTY OF THE	1100 W 10050 100 1000W	
12. ACCOUNTING AND APPROPRIATION DATA (If requ	uired)	Net I	ncrease:	\$136,000.0	0
See Schedule	ODJEJO 4 TION OF 901		MODIFIES THE CONTRACT/ORDER NO. AS D	SEASONDED IN ITE	***
	CT/ORDER IS MODIFII I IN ITEM 14, PURSU/	ED TO REFLECT THE ANT TO THE AUTHOR	ANGES SET FORTH IN ITEM 14 ARE MADE IN ADMINISTRATIVE CHANGES (such as change ITY OF FAR 43.103(b). DRITY OF:		
D. OTHER (Specify type of modification	and authority)				
X IAW EPAAR 1552.211-7	3; FAR 52.2	32-22			
E. IMPORTANT: Contractor is not	x is required to sign	this document and retu	urn1 copies to the issu	ing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 800884181 Max Expire Date: 07/31/2023 The purposes of this modific	ation are t	o: 1) Exerci	ise Option Period 4; 2)	Increment	
fund Option Period 4 in the indicated in the recapitulat Contracting Officer to Brad	ion of fund			to fee) 1 to chan	
LIST OF CHANGES:					
Reason for Modification: Exe	=				
Period Of Performance End Da					
Obligated Amount for this Mo	dification:	\$136,000.00)		
Continued					
Except as provided herein, all terms and conditions of the	e document reference				
15A. NAME AND TITLE OF SIGNER (Type or print)		16	SA. NAME AND TITLE OF CONTRACTING OF	FICER (Type or pri	nt)
		A	mber Hawkins		
15B. CONTRACTOR/OFFEROR	15C.	DATE SIGNED 16	B. UNITED STATES OF AMERICA	1	6C. DATE SIGNED
		ر ا	NUMBEL AND THE	FLECTRONIC SIGNATURE	07/20/2021
(Signature of person authorized to sign)		"-	(Signature of Contracting Officer)		07/20/2021

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 EP-C-17-040/P00022
 2
 5

NAME OF OFFEROR OR CONTRACTOR

CHANGES FOR LINE ITEM NUMBER: 4001 Obligated Amount for this Modification: \$135,000.00 Exercised option NEW ACCOUNTING CODE ADDED: Account code: 21-22-8-40DC31A-000B53-2505-2140SRE030-001 Beginning Fiscal Year 21 Ending Fiscal Year 22 Fund (Appropriation) B Budget Organization 40DC31A Frogram (FRC) 000B53 Budget (BOC) 2505 Job # (Site/Project) Cost organization DCN-Line ID 2140SRE030-001 Quantity: 0 Amount: \$136,000.00 Percent: 0 Subject To Funding: N Fayment Address: RTF Finance Center US Environmental Frotection Agency RTF-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.qov/financial/contracts Durham NC 27711 CHANGES FOR LINE ITEM NUMBER: 4002 Exercised option Payment: RTF Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.qov/financial/contracts Durham NC 27711 Period of Performance: 08/01/2017 to 07/31/2022	AMOUNT	UNIT PRICE		QUANTITY	SUPPLIES/SERVICES	TEM NO.
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9-31-36/1-46/00/4-2006 2017-4-1-20-01						
					reflod of reflormance. 00/01/201/ to 0//31/2022	

Section B - Supplies or Services/Prices was revised as follows.

Clause 1552.211-73 is revised as follows:

OPTION PERIOD IV

EPAAR 1552.211-73 LEVEL OF EFFORT-COST-REIMBURSEMENT CONTRACT. (MAY 2016)

- (a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Contractor shall provide up to **8,900 direct labor hours** for **option period IV**. The Government's best estimate of the level of effort to fulfill these requirements is provided for advisory and estimating purposes. The Government is only obligated to pay for direct labor hours ordered and corresponding fixed fee for labor hours completed.
- (b) Direct labor includes personnel such as engineers, scientists, draftsmen, technicians, statisticians, and programmers, and not support personnel such as company management or data entry/word processing/accounting personnel even though such support personnel are normally treated as direct labor by the Contractor. The level of effort specified in paragraph (a) of this section includes Contractor, subcontractor, and consultant non-support labor hours.
- (c) If the Contractor provides less than 90 percent of the level of effort specified for the base period or any optional period exercised, an equitable downward adjustment of the fixed fee, if any, for that period will be made. The downward adjustment will reduce the fixed fee by the percentage by which the total expended level of effort is less than 100% of that specified in paragraph (a). (For instance, if a hypothetical base-period LOE of 100,000 hours is being reduced to 70,000, the fixed fee shall also be reduced by the same 30%. Using a corresponding hypothetical base-period fixed fee pool of \$300,000, the reduced fixed-fee amount is calculated as: $$300,000 \times (70,000 \text{ hours}/100,000 \text{ hours}) = $210,000.)$
- (d) The Government may require the Contractor to provide additional effort up to 110 percent of the level of effort for any period until the estimated cost for that period has been reached. However, this additional effort shall not result in any increase in the fixed fee, if any.
- (e) If this is a cost-plus-incentive-fee (CPIF) contract, the term "fee" in paragraphs (c) and (d) of this section means "base fee and incentive fee." If this is a cost-plus-award-fee (CPAF) contract, the term "fee" in paragraphs (c) and (d) means "base fee and award fee."
- (f) If the level of effort specified to be ordered during a given base or option period is not ordered during that period, that level of effort may not be accumulated and ordered during a subsequent period.
- (g) These terms and conditions do not supersede the requirements of either the "Limitation of Cost" or "Limitation of Funds" clauses.

(End of clause)

Clause EPA-B-16-102 is revised as follows:

OPTION PERIOD IV

Local Clauses EPA-B-16-102 ESTIMATED COST AND FIXED FEE

	2.11
(a) The estimated cost of this contract is	(b)(4)

	(b)(4)
(b) The fixed fee is	

(c) The total estimated cost and fixed fee is \$1,269,638.

(End of clause)

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD IV

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 9/8/2021.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 4 - 8/1/21 THROUGH 7/31/22

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 21	(b)(4)	(b)(4)	\$136,000.00
Total Funded Total Per Contract Balance Unfunded			\$136,000.00 \$1,269,638.00 \$1,133,638.00

Section G - Contract Administration Data

1 - Clause was revised as follows.

Local Clauses EPA-G-42-101 CONTRACT ADMINISTRATION REPRESENTATIVES

Contracting Officials responsible for administering this contract are as follows:

Contracting Officer:
Brad Werwick
US Environmental Protection Agency
26 West Martin Luther King Drive
Mail Code: W136A
Cincinnati, OH 45268
Werwick.brad@epa.gov
513-487-2018

Contract Specialist: Amber Hawkins US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136A Cincinnati, OH 45268 Hawkins.amber@epa.gov 513-487-2126

Section F - Deliveries or Performance was revised as follows.

Clause EPA-F-12-101 is revised as follows:

Local Clauses EPA-F-12-101 PERIOD OF PERFORMANCE

The period of performance of this contract shall be from August 1, 2021 through July 30, 2022 inclusive of all required reports.

(End of clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	OF PAGES	
				1	3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	DD_C	UISITION/PURCHASE REQ. NO.	5. PROJECT N	IO. (If applicable)
P00023	See Block 16C		and the second s	0005	
6. ISSUED BY CODE	CAD	7. ADI	MINISTERED BY (If other than Item 6)	CODE	
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county. State and ZIP Code)	, J9A	AMENDMENT OF SOLICITATION NO.		
GREAT LAKES ENVIRONMENTAL CENATURE ATTORISMENT OF STREET FRAVERSE CITY MI 496863458		98 × 100	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NO $C-17-040$ B. DATED (SEE ITEM 13)	NO.	
CODE 800884181	FACILITY CODE				
CODE 800884181			8/23/2017		
☐ The above numbered solicitation is amended as set fo		THE RESIDENCE OF THE PARTY OF T	IENTS OF SOLICITATIONS	ended. 🗌 is not	
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to a each letter or electronic communication makes referer 12. ACCOUNTING AND APPROPRIATION DATA (If requisee Schedule 13. THIS ITEM ONLY APPLIES TO M	RECEIPT OF OFFERS PRI change an offer already sub- ce to the solicitation and thi dired)	IOR TO THE HOUR A mitted , such change s amendment, and is Net Inc	AND DATE SPECIFIED MAY RESULT IN REJI may be made by letter or electronic communion received prior to the opening hour and date si	ECTION OF YOU cation, provided pecified.) 6
	SDII ICATION OF CONTINA	CTO/ORDERG: 11 MR	DE THE CONTRACTION DEN NO. AC DE	SORIBED IN THE	.m 1-1.
	T/ORDER IS MODIFIED TO IN ITEM 14, PURSUANT T TIS ENTERED INTO PURS	O REFLECT THE AD TO THE AUTHORITY	SES SET FORTH IN ITEM 14 ARE MADE IN T MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b). TY OF:		
X IAW Local Clause EPA	-B-32-101 Limi	itation of	Funds Notice		
E. IMPORTANT: Contractor X is not	is required to sign this c	document and return	copies to the issuin	g office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 800884181 Max Expire Date: 07/31/2023 The purpose of this modification (b)(4) of funds.		rementally		n the am	
LIST OF CHANGES:					
	ding Only Na+:	on			
Reason for Modification: Fund Obligated Amount for this Mod					
-			2 46		
New Total Obligated Amount for	or chis Award:	φο, υδυ , 48.	∠.40		
Continued					
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
		Bra	ld Werwick		
15B. CONTRACTOR/OFFEROR	15C. DATE	SIGNED 16B.		LECTRONIC	16C. DATE SIGNED
(Signature of person authorized to sign)		-	(Signature of Contracting Officer)		08/26/2021

 CONTINUATION SHEET
 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 PAGE
 OF

 EP-C-17-040/P00023
 2
 3

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Incremental Funded Amount changed: from	+			
	\$5,630,483.40 to \$6,080,482.46				
	CHANGES FOR LINE ITEM NUMBER: 4001				
	Obligated Amount for this Modification:				
	\$449,999.06				
	Incremental Funded Amount changed from				
	\$136,000.00 to \$585,999.06				
	Incrementally Funded through date changed from				
	09/08/2021 to 01/16/2022				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	20-E3-40DC-000B81XUC-2505-2140SRE042-001				
	Beginning Fiscal Year 20				
	Ending Fiscal Year				
	Fund (Appropriation) E3				
	Budget Organization 40DC				
	Program (PRC) 000B81XUC				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 2140SRE042-001				
	Quantity: 0				
	Amount: \$449,999.06				
	Percent: 35.4431				
	Subject To Funding: N				
	Payment Address:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01) 109 TW Alexander Drive				
	www2.epa.gov/financial/contracts Durham NC 27711				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2022				

Section B - Supplies or Services/Prices was revised as follows.

Clause EPA-B-32-101 is revised as follows:

OPTION PERIOD IV

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 1/16/2022.
- (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
- (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 4 - 8/1/21 THROUGH 7/31/22

Funding Action Modification 22 Modification 23	Est. Cost (b)(4)	Fixed Fee (b)(4)	Total CPFF \$136,000.00 \$449,999.06
Total Funded Total Per Contract Balance Unfunded			\$585,999.06 \$1,269,638.00 \$683,638.94

End of Clause

AMENDMENT OF SOLICITATION/MODIFICA		1. CONTRACT ID CODE	PAGE	OF PAGES	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REC	UISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
P00024	See Block 16C	See	Schedule		
6. ISSUED BY CODE	CAD	7. ADI	MINISTERED BY (If other than Item 6)	CODE	
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code)	(x) 9A	AMENDMENT OF SOLICITATION NO.		
GREAT LAKES ENVIRONMENTAL CEN Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458	NTER, INC.	98 × 100	DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER N $-C-17-040$ B. DATED (SEE ITEM 13)	10.	
CODE 800884181	FACILITY CODE				
			8/23/2017		
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referer 12. ACCOUNTING AND APPROPRIATION DATA (If requised Science Schedule	udes a reference to the solicitic RECEIPT OF OFFERS PRIO change an offer already submit ce to the solicitation and this dired)	ation and amendme PR TO THE HOUR A itted , such change amendment, and is	AND DATE SPECIFIED MAY RESULT IN REJI may be made by letter or electronic communic	LEDGEMENT TO ECTION OF YO cation, provided pecified.	O BE UR
	T/ORDER IS MODIFIED TO IN ITEM 14, PURSUANT TO	REFLECT THE AD THE AUTHORITY	ES SET FORTH IN ITEM 14 ARE MADE IN T MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b). TY OF:		
D. OTHER (Specify type of modification	12				
X IAW Local Clause EPA	-B-32-101 Limit	tation of	Funds Notice		
E.IMPORTANT: Contractor ☐ is not 14. DESCRIPTION OF AMENDMENT/MODIFICATION (DUNS Number: 800884181 Max Expire Date: 07/31/2023 The purposes of this modific of \$126,196.57 as identified	ation are to: 1	eadings, including s	olicitation/contract subject matter where feasibunds from Op 2 to Op 4	ble.)	
Limitation of Funds clause a unchanged.		-			
LIST OF CHANGES: Reason for Modification: Oth Total Amount for this Modifi New Total Amount for this Ve Continued	cation: \$0.00				
Except as provided herein, all terms and conditions of th 15A. NAME AND TITLE OF SIGNER (Type or print)		16A. Amb	NAME AND TITLE OF CONTRACTING OFFI	CER (Type or pr	int)
15B. CONTRACTOR/OFFEROR	15C. DATE S			LECTRONIC SIGNATURE	16C. DATE SIGNED 09/13/2021
(Signature of person authorized to sign)			(Signature of Contracting Officer)		00/10/2021

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NAME OF OFFEROR OR CONTRACTOR

TEM NO. (A)	SUPPLIES/SERVICES	QUANTITY (C)	UNIT	UNIT PRICE	AMOUNT
(A)	(B) New Total Amount for this Award: \$13,363,496.00	(C)	(D)	(E)	(F)
	CHANGES FOR LINE ITEM NUMBER: 2001				
	Obligated Amount for this Modification:				
	-\$126,196.57				
	Incremental Funded Amount changed from				
	\$1,683,129.85 to \$1,556,933.28				
	CHANGES FOR LINE ITEM NUMBER: 4001				
	Obligated Amount for this Modification:				
	\$126,196.57				
	Incremental Funded Amount changed from				
	\$585,999.06 to \$712,195.63				
	CHANGES FOR ACCOUNTING CODE:				
	21-22-B-40DC31A-000B53-2505-2140SRE030-001				
	Percent changed from 0 to 10.71171				
	NEW ACCOUNTING CODE ADDED:				
	Account code:				
	17-E3-40DC-201B81-2505-1840SRE031-003				
	Beginning Fiscal Year 17				
	Ending Fiscal Year				
	Fund (Appropriation) E3				
	Budget Organization 40DC				
	Program (PRC) 201B81				
	Budget (BOC) 2505				
	Job # (Site/Project)				
	Cost Organization				
	DCN-Line ID 1840SRE031-003				
	Quantity: 0				
	Amount: \$126,196.57 Percent: 9.93957				
	Subject To Funding: N				
	Payment Address:				
	Payment:				
	RTP Finance Center				
	US Environmental Protection Agency				
	RTP-Finance Center (AA216-01)				
	109 TW Alexander Drive				
	www2.epa.gov/financial/contracts				
	Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2022				
			1		

Section B - Supplies or Services/Prices was revised as follows.

Summary of Clause Changes:

Clause EPA-B-32-101 is incorporated as follows:

OPTION PERIOD 2:

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

- (a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of is allotted to cover estimated cost. Funding in the amount of provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 05/26/2020.
 - (b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.
 - (c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 2 - 8/1/19 THROUGH 7/31/20

Funding Action Modification 11 Modification 12 Modification 13 Modification 13 Modification 14 Modification 15 Modification 16 Modification 21	Est. Cost (b)(4)	Fixed Fee (b)(4)	Total CPFF \$1,010,000.00 \$50,000.00 \$322,269.41 \$23,308.82 \$75,000.00 \$0.00 \$202,992.06 (\$440.44)
Modification 24			(\$126,196.57)
Total Funded Total Per Contract Balance Unfunded			\$1,556,933.28 \$1,893,010.00 \$336,076.72

OPTION PERIOD 4:

Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE

(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of is allotted to cover estimated cost. Funding in the amount of to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 02/21/2022.

(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EPA-B-16-102), the Limitation of Cost clause shall become applicable.

(c) Recapitulation of Funds

RECAPITULATION OF FUNDS OPTION PERIOD 4 - 8/1/21 THROUGH 7/31/22

Funding Action	Est. Cost	Fixed Fee	Total CPFF
Modification 22	(b)(4)	(b)(4)	\$136,000.00
Modification 23			\$449,999.06
Modification 24			\$126,196.57
Total Funded			\$712,195.63
Total Per Contract			\$1,269,638.00
Balance Unfunded			\$557,442.37
End of Clause			

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	PAGE	OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQ	UISITION/PURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)			
P00025	See Block 16C							
6. ISSUED BY CODE	CAD	7. ADN	INISTERED BY (If other than Item 6)	CODE				
CAD US Environmental Protection 26 West Martin Luther King D Mail Code: W136 Cincinnati OH 45268-0001	3. 1							
8. NAME AND ADDRESS OF CONTRACTOR (No., street	county, State and ZIP Code)	(x) 9A.	AMENDMENT OF SOLICITATION NO.					
GREAT LAKES ENVIRONMENTAL CENTER, INC. Attn: William J Arnold 739 HASTINGS STREET FRAVERSE CITY MI 496863458		9B.	9B. DATED (SEE ITEM 11)					
0005	EAGUATIV CORE		3. DATED (SEE ITEM 13)					
CODE 800884181	FACILITY CODE		8/23/2017					
	11. THIS ITEM ONLY APPLIES	TO AMENDM	ENTS OF SOLICITATIONS					
separate letter or electronic communication which incl RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to each letter or electronic communication makes referer 12. ACCOUNTING AND APPROPRIATION DATA (If requ See Schedule 13. THIS ITEM ONLY APPLIES TO M	RECEIPT OF OFFERS PRIOR TO change an offer already submitted, some to the solicitation and this amend thired)	THE HOUR A such change dment, and is	ND DATE SPECIFIED MAY RESULT IN RE may be made by letter or electronic commun	JECTION OF YOU ication, provided specified.	our			
	CT/ORDER IS MODIFIED TO REFLE I IN ITEM 14, PURSUANT TO THE A	ECT THE ADI AUTHORITY	ES SET FORTH IN ITEM 14 ARE MADE IN MINISTRATIVE CHANGES (such as change OF FAR 43.103(b).					
		O AOTHORI	1 01.					
D. OTHER (Specify type of modification	and authority)							
X E.O. 14042			5					
E.IMPORTANT: Contractor ☐ is not 14. DESCRIPTION OF AMENDMENT/MODIFICATION DUNS Number: 800884181 Max Expire Date: 07/31/2023	☑ is required to sign this documen Organized by UCF section headings			-				
The purpose of this modifica SAFETY PROTOCOLS FOR FEDERAL and conditions remain unchan	CONTRACTORS (DEVI	ATION)	into the contract. A	ll other	terms			
52.223-99 ENSURING ADEQUATE (a) Definition. As used in t		OTOCOL:	5 FOR FEDERAL CONTRACT	ORS (DEV	IATION)			
United States or its outlyin	g areas means							
Continued								
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	e document referenced in Item 9 A o	16A. I	NAME AND TITLE OF CONTRACTING OFF					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNE		er Hawkins UNITED STATES OF AMERICA		16C. DATE SIGNED			
135. GOMMAGIGIVOFFERON	ISO. DATE SIGNE			ELECTRONIC SIGNATURE	10/19/2021			
(Signature of person authorized to sign)			(Signature of Contracting Officer)					

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NAME OF OFFEROR OR CONTRACTOR

EM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	(1) The fifty States;(2) The District of Columbia;(3) The commonwealths of Puerto Rico and the Northern Mariana Islands;(4) The territories of American Samoa, Guam, and				
	the United States Virgin Islands; and (5) The minor outlying islands of Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Atoll.				
	(b) Authority. This clause implements Executive Order 14042, Ensuring Adequate COVID Safety Protocols for Federal Contractors, dated September 9, 2021 (published in the Federal Register on September 14, 2021, 86 FR 50985).				
	(c) Compliance. The Contractor shall comply with all guidance, including guidance conveyed through Frequently Asked Questions, as amended during the performance of this contract, for contractor or subcontractor workplace locations published by the Safer Federal Workforce Task Force (Task Force Guidance) at https://www.saferfederalworkforce.gov/contractors/				
	. Under System of Record Notice EPA-89, EPA is authorized to collect contractor verification, vaccination, and testing information. EPA reserves the right to request this information from the contractor at its discretion.				
	(d) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (d), in subcontracts at any tier that exceed the simplified acquisition threshold, as defined in Federal Acquisition Regulation 2.101 on the date of subcontract award, and are for services, including construction, performed in whole or in part within the United States or its outlying areas.				
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711				
	Period of Performance: 08/01/2017 to 07/31/2022				